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OM protein - protein search, using sw model

Run on: August 9, 2003, 16:29:18 ; Search time 17.3714 Seconds
(without alignments)
129.893 Million cell updates/sec

Title: US-09-905-691-3
Perfect score: 19
Sequence: 1 AEAARRAARAARA 19

Scoring table: OLIGO

Gapop 60.0 , Gapext 60.0

Searched: 451899 seqs, 118759770 residues

Word size : 0
Total number of hits satisfying chosen parameters: 451899

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

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19: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	10	52.6	11	10	US-09-949-196-19
2	10	52.6	11	11	US-09-882-291-47
3	10	52.6	11	11	US-09-775-052-6
4	10	52.6	11	15	US-10-229-915-24
5	9	47.4	11	10	US-09-949-196-18
6	9	47.4	11	11	US-09-882-291-46
7	9	47.4	11	11	US-09-775-052-5
8	9	47.4	11	11	US-09-847-946A-128
9	9	47.4	11	11	US-09-847-946A-129
10	9	47.4	11	15	US-10-077-555-6
11	9	47.4	11	15	US-10-229-915-23
12	9	47.4	17	11	US-09-847-946A-116
13	9	47.4	17	11	US-09-847-946A-147
14	9	47.4	22	10	US-09-949-196-28
15	9	47.4	22	10	US-09-949-196-29

16	9	47.4	22	10	US-09-949-196-30
17	9	47.4	22	10	US-09-949-196-31
18	9	47.4	22	10	US-09-949-196-40
19	9	47.4	22	10	US-09-949-196-41
20	9	47.4	22	10	US-09-949-196-42
21	9	47.4	22	10	US-09-949-196-43
22	9	47.4	22	11	US-09-847-946A-139
23	9	47.4	407	14	US-10-096-241-6
24	9	47.4	469	14	US-10-096-241-8
25	9	47.4	605	14	US-10-096-241-2
26	9	47.4	647	14	US-10-096-241-32
27	8	42.1	11	15	US-10-136-738-5
28	8	42.1	122	9	US-09-796-858-14
29	8	42.1	238	9	US-09-796-858-16
30	8	42.1	238	11	US-09-946-374-271
31	8	42.1	238	14	US-10-001-054-34
32	8	42.1	238	15	US-10-006-856A-271
33	8	42.1	238	15	US-10-006-818A-271
34	8	42.1	238	15	US-10-097-065-178
35	8	42.1	238	15	US-10-015-393A-271
36	8	42.1	238	15	US-10-015-869A-271
37	8	42.1	238	15	US-10-012-121A-271
38	8	42.1	238	15	US-10-006-116A-271
39	8	42.1	238	15	US-10-006-117A-271
40	8	42.1	238	15	US-10-017-527A-271
41	8	42.1	238	15	US-10-013-913A-271
42	8	42.1	238	15	US-10-007-194A-271
43	8	42.1	238	15	US-10-013-430A-271
44	8	42.1	238	15	US-10-011-671A-271
45	8	42.1	238	15	US-10-012-755A-271

ALIGNMENTS

RESULT 1
US-09-949-196-19
; Sequence 19, Application US/09949196
; Patent No. US20020147145A1
; GENERAL INFORMATION:
; APPLICANT: Zealand Pharmaceuticals A/S
; TITLE OF INVENTION: MATERIALS AND METHODS RELATING TO THE DEGRADATION OF Cdc25A IN
; FILE OF INVENTION: TO DNA DAMAGE
; FILE REFERENCE: 55888 (45487)
; CURRENT APPLICATION NUMBER: US/09/949.196
; CURRENT FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide sequence
US-09-949-196-19

Query Match 52.68; Score 10; DB 10; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 10 ARAARRAARA 19
|||||||
Db 2 ARAARRAARA 11

RESULT 2
US-09-882-291-47
; Sequence 47, Application US/09882291
; Publication No. US20030040472A1
; GENERAL INFORMATION:
; APPLICANT: Zealand Pharmaceuticals A/S
; TITLE OF INVENTION: No. US20030040472A1 Peptide Conjugates
; FILE REFERENCE: 007-2001

; CURRENT APPLICATION NUMBER: US/09/882,291
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide sequence
US-09-882-291-47

Query Match 52.6%; Score 10; DB 11; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 10 ARAARRAARA 19
Db 2 ARAARRAARA 11
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RESULT 3

US-09-775-052-6
; Sequence 6, Application US/09775052
; Publication No. US20030054000A1
; GENERAL INFORMATION:
; APPLICANT: Dowdy, Steven F.
; TITLE OF INVENTION: ANTI-PATHOGEN SYSTEM AND METHODS OF USE THEREOF
; FILE REFERENCE: 48881/1743
; CURRENT APPLICATION NUMBER: US/09/775,052
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 09/208,966
; PRIOR FILING DATE: 1998-12-10
; PRIOR APPLICATION NUMBER: 60/082,403
; PRIOR FILING DATE: 1998-04-20
; PRIOR APPLICATION NUMBER: 60/069,012
; PRIOR FILING DATE: 1997-12-10
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 11
; TYPE: PRT
; ORGANISM: human
US-09-775-052-6

Query Match 52.6%; Score 10; DB 11; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 10 ARAARRAARA 19
Db 2 ARAARRAARA 11
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RESULT 4

US-10-229-915-24
; Sequence 24, Application US/10229915
; Publication No. US20030083262A1
; GENERAL INFORMATION:
; APPLICANT: Lazarus, Douglas
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING INFLAMMATORY
; FILE REFERENCE: PPI-127
; CURRENT APPLICATION NUMBER: US/10/229,915
; CURRENT FILING DATE: 2002-08-27
; PRIOR APPLICATION NUMBER: US 60/316,328
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 11
; TYPE: PRT

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: anti-inflammatory compound
US-10-229-915-24

Query Match 52.6%; Score 10; DB 15; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 10 ARAARRAARA 19
Db 2 ARAARRAARA 11
|||||

RESULT 5

US-09-949-196-18
; Sequence 18, Application US/09949196
; Patent No. US20020147145A1
; GENERAL INFORMATION:
; APPLICANT: Zealand Pharmaceuticals A/S
; TITLE OF INVENTION: MATERIALS AND METHODS RELATING TO THE DEGRADATION OF Cdc25A IN
; FILE REFERENCE: 55888 (45487)
; CURRENT APPLICATION NUMBER: US/09/949,196
; CURRENT FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide sequence
US-09-949-196-18

Query Match 47.4%; Score 9; DB 10; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.074;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 10 ARAARRAARA 18
Db 2 ARAARRAARA 10
|||||

RESULT 6

US-09-882-291-46
; Sequence 46, Application US/09882291
; Publication No. US20030040472A1
; GENERAL INFORMATION:
; APPLICANT: Zealand Pharmaceuticals A/S
; TITLE OF INVENTION: No. US20030040472A1el Peptide Conjugates
; FILE REFERENCE: 007-2001
; CURRENT APPLICATION NUMBER: US/09/882,291
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 46
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide sequence
US-09-882-291-46

Query Match 47.4%; Score 9; DB 11; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.074;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 10 ARAARRAARA 18
Db 2 ARAARRAARA 10
|||||

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RESULT 7
US-09-775-052-5
; Sequence 5, Application US/09775052
; Publication No. US20030054000A1
; GENERAL INFORMATION:
; APPLICANT: Dowdy, Steven F.
; TITLE OF INVENTION: ANTI-PATHOGEN SYSTEM AND METHODS OF USE THEREOF
; FILE REFERENCE: 48881/1742
; CURRENT APPLICATION NUMBER: US/09/775,052
; CURRENT FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 09/208,966
; PRIOR FILING DATE: 1998-12-10
; PRIOR APPLICATION NUMBER: 60/082,402
; PRIOR FILING DATE: 1998-04-20
; PRIOR APPLICATION NUMBER: 60/069,012
; PRIOR FILING DATE: 1997-12-10
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 5
; LENGTH: 11
; TYPE: PRT
; ORGANISM: human
US-09-775-052-5

Query Match          47.4%; Score 9; DB 11; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.074;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      10 ARAARRAAR 18
        |||||
Db       2 ARAARRAAR 10

RESULT 8
US-09-847-946A-128
; Sequence 128, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPT-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 128
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:membrane
; OTHER INFORMATION: translocation domain
US-09-847-946A-128

Query Match          47.4%; Score 9; DB 11; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.074;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      10 ARAARRAAR 18
        |||||
Db       2 ARAARRAAR 10

RESULT 9
US-09-847-946A-129
; Sequence 129, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPT-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 129
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:membrane
; OTHER INFORMATION: translocation domain
US-09-847-946A-129

Query Match          47.4%; Score 9; DB 11; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.074;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      10 ARAARRAAR 18
        |||||
Db       2 ARAARRAAR 10

RESULT 10
US-10-077-555-6
; Sequence 6, Application US/10077555
; Publication No. US20030077289A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Rong-fu
; TITLE OF INVENTION: Use of Cell-Penetrating Peptides to Generate Antitumor Immunit
; FILE REFERENCE: P02373US/10200806
; CURRENT APPLICATION NUMBER: US/10/077,555
; CURRENT FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US 60/268,687
; PRIOR FILING DATE: 2001-02-15
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 6
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-10-077-555-6

Query Match          47.4%; Score 9; DB 15; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.074;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      10 ARAARRAAR 18
        |||||
Db       2 ARAARRAAR 10

RESULT 11
US-10-229-915-23
; Sequence 23, Application US/10229915
; Publication No. US20030083262A1
; GENERAL INFORMATION:
; APPLICANT: Lazarus, Douglas
```

APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING INFLAMMATORY DISORDERS
FILE REFERENCE: PPI-127
CURRENT APPLICATION NUMBER: US/10/229,915
CURRENT FILING DATE: 2002-08-27
PRIOR APPLICATION NUMBER: US 60/316,328
PRIOR FILING DATE: 2001-08-30
NUMBER OF SEQ ID NOS: 39
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 23
LENGTH: 11
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: anti-inflammatory compound
US-10-229-915-23

Query Match 47.4%; Score 9; DB 15; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.074;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 10 ARAARRAAR 18
Db 2 ARAARRAAR 10

RESULT 12
US-09-847-946A-146
Sequence 145, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Findels, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 3.0
SEQ ID NO 146
LENGTH: 17
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial
OTHER INFORMATION: Sequence: anti-inflammatory compound
US-09-847-946A-146

Query Match 47.4%; Score 9; DB 11; Length 17;
Best Local Similarity 100.0%; Pred. No. 0.1;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 10 ARAARRAAR 18
Db 2 ARAARRAAR 10

RESULT 13
US-09-847-946A-147
Sequence 147, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Findels, Mark A

APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 147
LENGTH: 17
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial
OTHER INFORMATION: Sequence: anti-inflammatory compound
US-09-847-946A-147

Query Match 47.4%; Score 9; DB 11; Length 17;
Best Local Similarity 100.0%; Pred. No. 0.1;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 10 ARAARRAAR 18
Db 2 ARAARRAAR 10

RESULT 14
US-09-949-196-28
Sequence 28, Application US/09949196
Patent No. US20020147145A1
GENERAL INFORMATION:
APPLICANT: Zealand Pharmaceuticals A/S
TITLE OF INVENTION: MATERIALS AND METHODS RELATING TO THE DEGRADATION OF Cdc25A IN
FILE REFERENCE: 55888 (45487)
CURRENT APPLICATION NUMBER: US/09/949,196
CURRENT FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PatentIn version 3.1
SEQ ID NO 28
LENGTH: 22
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide sequence
NAME/KEY: BINDING
LOCATION: (22).(22)
OTHER INFORMATION: NH2
US-09-949-196-28

Query Match 47.4%; Score 9; DB 10; Length 22;
Best Local Similarity 100.0%; Pred. No. 0.13;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 10 ARAARRAAR 18
Db 2 ARAARRAAR 10

RESULT 15
US-09-949-196-29
Sequence 29, Application US/09949196
Patent No. US20020147145A1
GENERAL INFORMATION:
APPLICANT: Zealand Pharmaceuticals A/S
TITLE OF INVENTION: MATERIALS AND METHODS RELATING TO THE DEGRADATION OF Cdc25A IN
FILE REFERENCE: 55888 (45487)

;; CURRENT APPLICATION NUMBER: US/09/949,196
;; CURRENT FILING DATE: 2001-07-09
;; NUMBER OF SEQ ID NOS: 45
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 29
;; LENGTH: 22
;; TYPE: PRT
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide sequence
;; NAME/KEY: BINDING
;; LOCATION: (22)..(22)
;; OTHER INFORMATION: NH2
US-09-949-196-29

Query Match 47.4%; Score 9; DB 10; Length 22;
Best Local Similarity 100.0%; Pred. No. 0.13;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 10 ARAARRAAR 18
Db 2 ARAARRAAR 10

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